

Supplementary Table S1. Primers sequences used for qPCR analysis

Gene name	Accession no	Primers	Sequences
<i>MsActin</i>	JQ028730.1	Forward	TTCTCACCACACTTCTCGCC
		Reverse	CCAGCCTTCACCATTCCAGT
<i>MsFeSOD</i>	AF377344.1	Forward	GAGTACCATTGGGGAAAGCA
		Reverse	CCATACCTGTGCTGCATTGT
<i>MsAPX</i>	EX522382.1	Forward	GAAATGCGCTCCTCTTATGC
		Reverse	TGTTAGCACCATGAGCAAGC
<i>MsMDAR</i>	EX522162.1	Forward	TGGTCTACCCAGAACCTTGG
		Reverse	CCAGTACCCTTCCGTCCTTT
<i>MsGR</i>	AM407889.2	Forward	AGGACGGTGAACCTGATTTG
		Reverse	TCTAGCAGCACGAACACCAC
<i>MtIRT1</i>	KX641478.1	Forward	TTTACCCTTGGCGACACGTT
		Reverse	CATGAACCCGGTCCCAAGAA
<i>MtNramp1</i>	XM_024781241.1	Forward	GCATTGCTAGCCTCAGGACA
		Reverse	TCCATGCGTATGCAGGTGAT
<i>MtSULTR1;2</i>	<i>Medtr3g073780</i>	Forward	TATTATCTCCGTGTTGAAGGC
		Reverse	CAATAAATTTGGCGACCAG
<i>MtCAT</i>	<i>XM_013606824.1</i>	Forward	CCAAGTCCCACATTCAGGAG
		Reverse	ACTGCTTTCCCAGCCTTGTT
<i>MtDHAR</i>	<i>DQ006811.1</i>	Forward	GTGTTGCTGACACTGGAGGA
		Reverse	CCAGCTGTAGCCTTTTCAGG